

Converting Colors

Hex(0E338B)

Have a look what the booklet for
Hex(0E338B) contains.

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Color

Hex(0E338B)

Conversions

Conversions Part 1

Format	Color
Hex	0E338B
RGB	14, 51, 139
RGB Percent	5%, 20%, 55%
CMY	0.9451, 0.8000, 0.4549
CMYK	0.90, 0.63, 0.00, 0.45
HSL	222°, 82%, 30%
HSV	222°, 90%, 55%
XYZ	6.0251, 4.3251, 24.9434
YIQ	49.9690, -50.3000, 19.5240

Conversions

Conversions Part 2

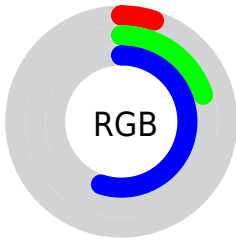
Format	Color
RYB	14, 43, 139
Decimal	930699
CIELab	24.72, 23.85, -52.17
CIElCh	25, 57.366, 294.571
Yxy	4.3251, 0.1707, 0.1225
Android (android.graphics.Color)	4279120779 (0xFF0E338B)
YUV	49.9690, 43.8923, -31.5448
Hunter-Lab	20.7969, 15.3193, -56.5535

Details

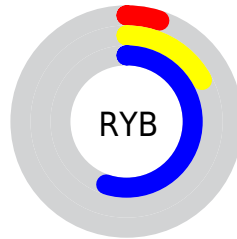
The Hex color **0E338B** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **8B660E**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **5561C1**, and **000A58** is the 20% darker color. If you saturate the color by 10%, you get **00298B**, and if you desaturate by 10%, it is **1C3D8B**.

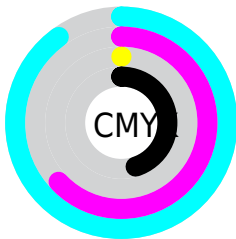
Distribution



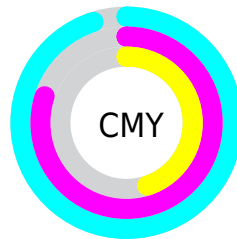
- Red (5%)
- Green (20%)
- Blue (55%)



- Red (5%)
- Yellow (17%)
- Blue (55%)



- Cyan (90%)
- Magenta (63%)
- Yellow (0%)
- Black (45%)



- Cyan (95%)
- Magenta (80%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0E338B changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 0E338B by changing the saturation by 10% instead.

■ 0E338B

■ 0E338B

FFFFFF

■ 001E71

■ 5561C1

■ 000A58

■ 727ADE

■ 000640

■ 8F93FB

■ 000329

■ ABAEFF

■ 000113

■ C8C9FF

■ 000000

■ E6E5FF

■ 0E338B

■ 0E338B

■ 00298B

■ 1C3D8B

■ 2A478B

■ 38508B

■ 465A8B

■ 54648B

■ 616E8B

■ 6F778B

■ 7D818B

■ 8B8B8B

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



004393



0E338B



65136E

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



0E338B



6F2000



004B31

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



0E338B



8B660E

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



004800



0E338B



503600

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



0E338B



80001A



264300



004C5E

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



0E338B



7A0053



264300



004A22

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



0E338B



8493B5



0E8B66



3E475C



DBDBDB



5C5C5C

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



0E338B



0036B5



270E8B



3E4045



002785



000205

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



8B0E33



B50036



728B0E



453E40



850027



050002

Previews

White Background



This preview shows how the Hex color 0E338B looks on a white background.

Color Contrast Check

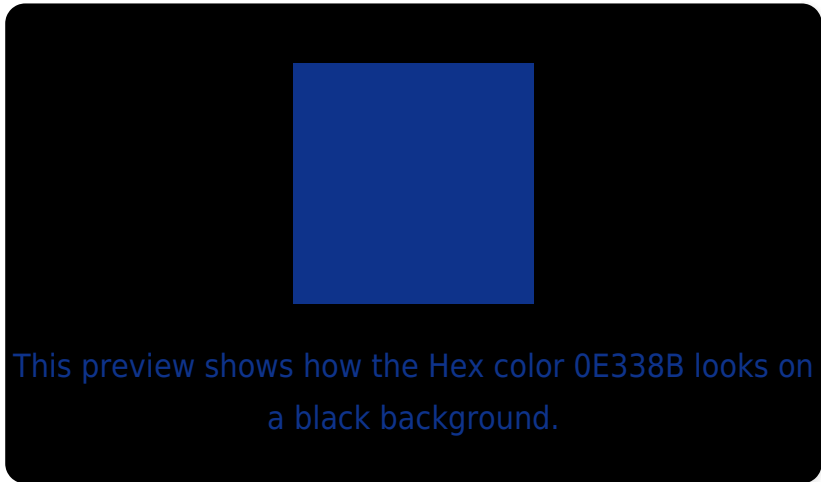
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

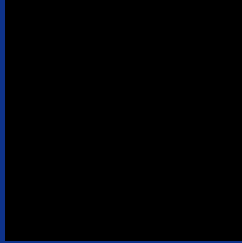
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 0E338B Background



This preview shows how black text looks on a background with the Hex color 0E338B.



This preview shows how white text looks on a background with the Hex color 0E338B.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
0E338B

Protanopia
003978

Deuteranopia
003D67

Trichromacy



Original Color
0E338B

Protanomaly
05377F

Deuteranomaly
053974

Tritanomaly
053D5E

Monochromacy



Original Color
0E338B

Achromatopsia
323232

Achromatomaly
253252

CSS Examples

Text

The CSS property to change the color of the text to Hex 0E338B is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #0E338B looks like.

```
.text, #text, p{  
    color:#0E338B  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #0E338B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E338B
}
```

Border

The CSS property to change the border of an element to Hex 0E338B is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0E338B }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#0E338B }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #0E338B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E338B; -webkit-box-shadow:4px 4px  
4px 4px #0E338B; box-shadow:4px 4px 4px  
4px #0E338B }
```

Background

The CSS property to change the background color of an element to Hex 0E338B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E338B }
```

If only the background color should be changed can be used:

```
.background{ background-color:#0E338B }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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